

ABSTRACT OF THE DISCLOSURE

A binocular viewing system provides images from electronic display elements to the left and right eyes of 5 a user transmitted via right eye and left eye display assemblies connected by a nose bridging element. The binocular viewing system includes an interpupillary distance adjustment mechanism to accommodate multiple users. Accommodation for vision correction and a focus 10 mechanism may also be provided. Also, the binocular viewing system provides a virtual image at a distance less than infinity, in an arrangement that also accommodates a range of interpupillary distances. In other aspects, the binocular viewing system incorporates face curvature to 15 more comfortably fit a user's head, and places the electronic display elements close to the user's eye, either in the line of sight, or within the nose bridging element.

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